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REMARKS

I. INTRODUCTION

In response to the Office Action dated December 28, 2006, claims 5, 11, 22 and 23 have been amended and claim 21 has been cancelled. Claims 1-5, 7-9, 11-18, 20, 22 and 23 remain in the application. Entry of these amendments, and re-consideration of the application, as amended, is requested.

II. EXAMINER INTERVIEW SUMMARY

Record is made of a telephone interview between Applicants' attorney William Wood, and Examiner Valarie Bertoglio on March 22, 2007, in connection with the present patent application. Applicants' attorney thanks Examiner Bertoglio for her helpful comments and acknowledgment that claims 1-4 and 7-10 as submitted with the Amendment under 37 CFR 1.11 filed October 6, 2006 (i.e. currently pending claims 1-4 and 7-10) are allowable and that, due to a minor oversight, this was not indicated in the outstanding Office Action.

III. CLAIM AMENDMENTS

Applicant's attorney has made amendments to the claims as indicated above. These amendments are fully supported by the specification as filed and introduce no new matter.

IV. NON ART REJECTIONS

At page of the Office Action, claims 5, 11-18, 20 22 and 23 were rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. Applicants respectfully traverse this rejection for the reasons of record.

However, in order to further the prosecution of the instant application, these claims have been amended in accordance with the Examiner's specific comments regarding clearly enabled subject matter. In particular, in accordance with the Examiner's comments in the last paragraph on page 3, claims 22 and 23 have been amended to recite "oviparous teleost fish". Moreover, in accordance with the Examiner's comments in the first full paragraph on page 4, claim 23 has also been amended to recite "obtaining an embryonic fibroblast cell". In accordance with the Examiner's comments in the second full paragraph on page 4, claim 5 has been amended to recite "wherein the parental fish is of the same species as the progenitor fish". Finally, claim 11 has also

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been amended in accordance with the Examiner's comments in the second full paragraph on page 4, so as not to recite subject matter that the Examiner asserts is not enabled by Applicants' specification.

In view of these amendments to the claims, Applicants respectfully request a withdrawal of the rejection of claims 5, 11-18, 20 22 and 23 under 35 U.S.C. §112, first paragraph.

V. PRIOR ART REJECTIONS

At page 5 of the Office Action, claim 21 was rejected under 35 U.S.C. §102(b) as being anticipated by Kawakami et al. [2000, Current Biology, 10:463-466] (Kawakami).

While Applicant respectfully traverses this rejection because Kawakami fails to teach every element of claim 21, the cancellation of claim 21 renders this rejection moot.

IV. CONCLUSION

In view of the above, it is submitted that this application is now in good order for allowance and such allowance is respectfully solicited. Should the Examiner believe minor matters still remain that can be resolved in a telephone interview, the Examiner is urged to call Applicant's undersigned attorney.

Respectfully submitted,

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